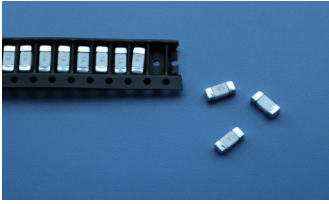


246 Brick Fuse



Main Characteristics
Brick fuse; Time-Lag(T)

Standard

UL-248-14

Materials

Body: Ceramic
End Caps: Copper plated with silver

Operating Temperature

-55°C to +125°C

Stock Temperature

+10°C to +60°C

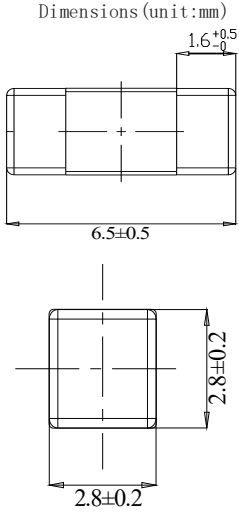
Relative humidity: ≤75% yearly average
Without dew, maximum 30 days at 95%

Vibration Resistance

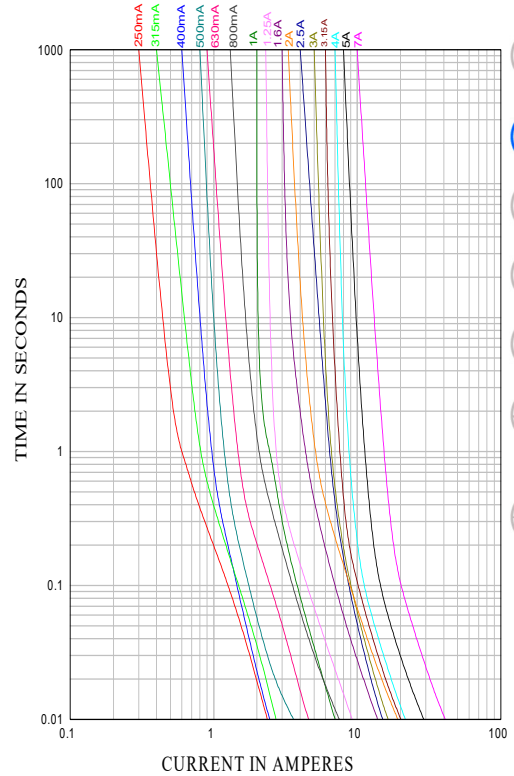
24 cycles at 15 min. each (60068-6)
10-60Hz at 0.75mm amplitude
60-2000Hz at 10g acceleration

Soldering Parameters

260°C. ≤10 sec (Wave Soldering)
350°C. ≤3 sec (Hand Soldering)
Soldering Peak:
260°C. 10 sec.
280°C. 5 sec. (IEC 60068-20)



Average Time Current(I-T Curve)



Time vs Current Characteristics: UL248-14

| | | |
|---------------|------|-------|
| Rated Current | 100% | 200% |
| 250mA~7A | >4h | <120s |



Electrical Characteristics at 25°C

| Amp Code | Rated Current | Rated Voltage | Typical Voltage Drop Max(mV) | Breaking Capacity | Typical Melting I ² T (A ² s) | Typical cold Resistance (mΩ) | Approvals |
|----------|---------------|---------------|------------------------------|-------------------|-----------------------------------------------------|------------------------------|-----------|
| | | | | | | | cURus |
| 0250 | 250mA | 350V AC | 800 | 50A@350V AC | 0.050 | 786.2 | • |
| 0315 | 315mA | | 750 | | 0.053 | 1388 | • |
| 0400 | 400mA | | 700 | | 0.060 | 966 | • |
| 0500 | 500mA | | 600 | | 0.120 | 602 | • |
| 0630 | 630mA | | 500 | | 0.220 | 434 | • |
| 0800 | 800mA | | 400 | | 0.540 | 350 | • |
| 1100 | 1.00A | | 300 | | 1.000 | 246 | • |
| 1125 | 1.25A | | 300 | | 0.830 | 188 | • |
| 1160 | 1.60A | | 300 | | 1.690 | 124 | • |
| 1200 | 2.00A | | 300 | | 3.200 | 88.5 | • |
| 1250 | 2.50A | | 300 | | 2.060 | 27 | • |
| 1300 | 3.00A | | 300 | | 2.600 | 21.6 | • |
| 1315 | 3.15A | | 300 | | 3.400 | 20.6 | • |
| 1400 | 4.00A | | 300 | | 5.190 | 16.0 | • |
| 1500 | 5.00A | | 300 | | 8.100 | 12.0 | • |
| 1700 | 7.00A | | 300 | | 17.62 | 8.24 | • |

Note: (1) Permissible continuous operating current is ≤100% at ambient temperature of 23° C (73.4° F)
(2) The current values used for calculating I²T should be within the standard 10In.

Ordering Information

| Series | Amp Code | Supplementary Code | Qty |
|--------|----------|--------------------|-----|
| 246 | | | |